

IN THE CLAIMS:

Please amend Claims 1, 8 and 11 as follows. Please cancel Claims 14 and 15 without prejudice or disclaimer of subject matter. The claims, as pending in the subject application read as follows:

1. (Currently Amended) A magnetic device having a layer containing pores and having wirings on both faces of the layer formed on a substrate,

wherein each of a first group of pores is filled with a body formed by alternately stacked magnetic layers and nonmagnetic layers,

each of a second group of pores different from the first group of pores is filled with a conductive material and the conductive material of two pores of the second group of pores serves as a writing wire for writing into the magnetic layers in one pore of the first group of pores, ~~and~~

~~the second group is surrounded by the first group.~~

2. (Previously Presented) The magnetic device according to claim 1, wherein the pores are nano-holes in alumina formed by anodic oxidation.

3. (Previously Presented) The magnetic device according to claim 1, wherein a third group of pores different from the first and second groups serves to intercept a magnetic field.

4. (Previously Presented) The magnetic device according to claim 3, wherein the third group of pores serving to intercept the magnetic field surrounds a unit cell.

5. (Previously Presented) The magnetic device according to claim 1, wherein each of the magnetic layers contains Co, and each of the nonmagnetic layers contains Cu.

6. (Previously Presented) The magnetic device according to claim 1, wherein the pores of the second group contain Cu.

7. (Original) The magnetic device according to claim 1, wherein the pores are arranged in a honeycomb arrangement.

8. (Currently Amended) The magnetic device according to claim 7, wherein the pores of the first group surround the pores of the second group, and the conductive material of the pores of the second group serve ~~serving~~ as the writing wires.

9. (Withdrawn) The magnetic device according to claim 7, wherein the pores serving as the writing wire surround the pores filled with the layered column.

10. (Original) The magnetic device according to claim 1, wherein the pores are arranged in a rectangular array.

11. (Currently Amended) The magnetic device according to claim 10, wherein the pores of the first group surround the pores of the second group, and the conductive material of the pores of the second group serve ~~serving~~ as the writing wires.

12. (Withdrawn) The magnetic device according to claim 10, wherein the pores filled with the layered column surround the pore serving as the writing wire.

13. (Previously Presented) The magnetic device according to claim 1, wherein the ratio of a sectional area S (cm^2) of each of the pores and a length L (cm) of each of the pores satisfies the relation:

$$10^5 < L/S < 10^8$$

14. (Cancelled).

15. (Cancelled).